

Energy Source Rating Sheet



PROPANE energy		RATING	ADVANTAGE	DISADVANTAGE	RATING
1.	Propane is a gas with no color, taste, or smell. It is buried underground with petroleum and natural gas.				
2.	Propane contains energy—chemical energy. It was formed long ago from tiny sea plants and animals. Propane is a fossil fuel.				
3.	Propane is a nonrenewable energy source. We can't make more propane in a short period of time.				
4.	We can burn propane for energy. We use propane to heat buildings in rural areas. We also use it in grills and as a clean fuel for vehicles.				
5.	Propane turns into a liquid under pressure. It takes up less space as a liquid. A one-gallon tank can hold 270 gallons of propane gas.				
6.	Propane is a portable fuel. As a liquid, trucks can carry propane to rural areas that don't have natural gas pipelines.				
7.	Propane is a cheap and clean-burning fuel. We use propane to fuel vehicles that we operate inside buildings—like forklifts.				
8.	Propane produces some air pollution and carbon dioxide when it is burned.				
9.	We transport propane by pipelines and trucks. We store propane in tanks under pressure—as a liquid.				
10.	One and a half (1.5%) percent of the energy we use comes from propane. We use propane mostly in rural areas to heat buildings.				

TOTAL RATING _____

SOLAR energy		RATING	ADVANTAGE	DISADVANTAGE	RATING
1.	Sol means sun. Solar energy is energy from the sun.				
2.	The sun is a big ball of gas. It produces energy all the time. The sun's energy reaches the earth in rays—radiant energy.				
3.	Solar energy is a renewable energy source. We will have solar energy as long as the sun shines.				
4.	We get light from the sun every day. We can also capture the sun's energy to heat water and buildings and to make electricity.				
5.	Photovoltaic (PV) cells can change solar energy directly into electricity. PV cells are used in places with no power lines.				
6.	Electricity from PV cells is more expensive than from power plants.				
7.	Solar energy is free to use. It is also a clean energy source—no fuel is burned to make the heat or electricity.				
8.	The sun's energy is spread out and hard to capture. The energy is only available when the sun is shining, not 24 hours a day.				
9.	We don't transport solar energy. We use it where we find it.				
10.	Solar energy provides the U.S. with 0.5% (one-half of a percent) of the energy we use, not counting the light we use every day.				

TOTAL RATING _____